Claims

[c1]   A method for conducting secure communication, comprising:

communicating a purchase request from first location to a second location;

communicating a first identification request from said second location to said first location;

communicating a second identification request from said second location to a third location;

communicating a third identification request from said first location to said third location; and

communicating a confirmation of identification from said third location to said first location and said second location.

[c2]   The method of claim 1, wherein said third identification request is encrypted.

[c3]   The method of claim 1, wherein said third identification request is produced by using a system of pad encryptions.

[c4]   The method of claim 3, wherein said system of pad encryptions is employed only once.

[c5]   The method of claim 1, wherein said confirmation of identification is encrypted.

[c6]   The method of claim 1, wherein said confirmation of identification is encrypted using a public/private key encryption system.

[c7]   The method of claim 1, wherein said confirmation of identification is produced by using a system of pad encryptions.

[c8]   The method of claim 7, wherein said system of pad encryptions is employed only once.

[c9]   The method of claim 1, wherein said first location has a computer.

[c10]   The method of claim 9, wherein said purchase request originates from said computer.

[c11]   The method of claim 1, wherein said first location has an authentication device.

[c12]   The method of claim 11, wherein said third identification request originates from said authentication device.

[c13]   The method of claim 11, wherein said authentication device has microprocessors, an information storage capacity, a power source, and connecting devices.

[c14]   The method of claim 11, wherein said authentication device has an input device.

[c15]   The method of claim 11, wherein said authentication device has an output device.

[c16]   A security system for providing exchange of secure information through a network, comprising:
at least one user interface coupled to the network for producing the secure information;
at least one receiving station coupled to the network for receiving a message from said at least one user interface; and
a verification station, coupled to the network, for receiving the secure information from said at least one user interface, and for transmitting a verification signal to said at least one receiving station to verify identity of said at least one user interface.

[c17]   The system of claim 16, wherein said at least one user interface has a computing device interfaced to the network.

[c18]   The system of claim 17, wherein said at least one user interface has an encoding device external with respect to said computing device.